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Dated: February 11, 2004

Signature:

*Monica L. Thomas*  
(Monica L. Thomas)

Docket No.: HO-P01961US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Sue J. Kenwrick et al.

Application No.: 09/863,049

Filed: May 22, 2001

Art Unit: 1632

For: DIAGNOSIS AND TREATMENT OF  
MEDICAL CONDITIONS ASSOCIATED  
WITH DEFECTIVE NFKAPPA B(NF-  
KAPPAB) ACTIVATION

Examiner: Wehbe, A.M.S.

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Supplemental Information Disclosure Statement is filed after the mailing date of a Final Office Action, but before payment of the Issue Fee (37 CFR 1.97(d)). The references are submitted pursuant to issues raised during the course of prosecution. Applicant(s) hereby petition(s) that the Supplemental Information Disclosure Statement be considered.

I hereby certify that no item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item of information contained in this Supplemental Information Disclosure Statement was

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known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Supplemental Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 06-2375, under Order No. HO-P01961US1. A duplicate copy of this paper is enclosed.

Dated: February 11, 2004

Respectfully submitted,

By 

Melissa L. Sistrunk

Registration No.: 45,579

FULBRIGHT & JAWORSKI L.L.P.

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Attorney for Applicant



Application No. (if known): 09/863,049

Attorney Docket No.: HO-P01961US1

## Certificate of Express Mailing Under 37 CFR 1.10

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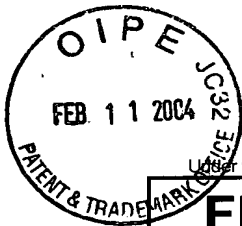
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Monica L. Thomas  
Signature

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IDS (Citation) by Applicant



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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT - (\$) 180.00

## Complete if Known

Application Number	09/863,049
Filing Date	May 22, 2001
First Named Inventor	Sue J. Kenwick
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	HO-P01961US1

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit  
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The Director is authorized to: (check all that apply)

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## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$) Fee Description Fee Paid

1001 770 2001 385 Utility filing fee

1002 340 2002 170 Design filing fee

1003 530 2003 265 Plant filing fee

1004 770 2004 385 Reissue filing fee

1005 160 2005 80 Provisional filing fee

SUBTOTAL (1) (\$) 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims \*\* = Extra Claims Fee from below Fee Paid

Independent Claims \*\* = Extra Claims Fee from below Fee Paid

Multiple Dependent Extra Claims Fee from below Fee Paid

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$) Fee Description

1202 18 2202 9 Claims in excess of 20

1201 86 2201 43 Independent claims in excess of 3

1203 290 2203 145 Multiple dependent claim, if not paid

1204 86 2204 43 \*\* Reissue independent claims over original patent

1205 18 2205 9 \*\* Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$) Fee Description Fee Paid

1051 130 2051 65 Surcharge - late filing fee or oath

1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet

1053 130 1053 130 Non-English specification

1812 2,520 1812 2,520 For filing a request for ex parte reexamination

1804 920\* 1804 920\* Requesting publication of SIR prior to Examiner action

1805 1,840\* 1805 1,840\* Requesting publication of SIR after Examiner action

1251 110 2251 55 Extension for reply within first month

1252 420 2252 210 Extension for reply within second month

1253 950 2253 475 Extension for reply within third month

1254 1,480 2254 740 Extension for reply within fourth month

1255 2,010 2255 1,005 Extension for reply within fifth month

1401 330 2401 165 Notice of Appeal

1402 330 2402 165 Filing a brief in support of an appeal

1403 290 2403 145 Request for oral hearing

1451 1,510 1451 1,510 Petition to institute a public use proceeding

1452 110 2452 55 Petition to revive - unavoidable

1453 1,330 2453 665 Petition to revive - unintentional

1501 1,330 2501 665 Utility issue fee (or reissue).

1502 480 2502 240 Design issue fee

1503 640 2503 320 Plant issue fee

1460 130 1460 130 Petitions to the Commissioner

1807 50 1807 50 Processing fee under 37 CFR 1.17(q)

1806 180 1806 180 Submission of Information Disclosure Stmt

8021 40 8021 40 Recording each patent assignment per property (times number of properties)

1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))

1810 770 2810 385 For each additional invention to be examined (37CFR 1.129(b))

1801 770 2801 385 Request for Continued Examination (RCE)

1802 900 1802 900 Request for expedited examination of a design application

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

## SUBMITTED BY

Name (Print/Type) Melissa L. Sistrunk

Registration No. 45,579  
(Attorney/Agent)

(Complete (if applicable))

Telephone (713) 651-3735

Signature

*Melissa Sistrunk*

Date

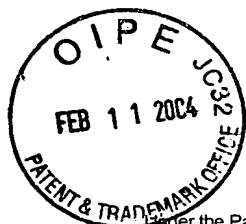
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## Fee Transmittal

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/863,049
				Filing Date	May 22, 2001
				First Named Inventor	Sue J. Kenwrick
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	HO-P01961US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Mutations in Brief, Human Mutation Vol. 12, No. 5, (October 7, 1998), pp. 361-363.	
	CB	Rothnie, Helen, M. et al.; Polyadenylation in Rice Tungro Bacilliform Virus: cis-Acting Signals and Regulation, Journal of Virology (May 2001), Vol. 75, No. 9, pp. 4184-4194.	
	CC	McQueen, Karina L., et al.; Functional analysis of 5' and 3' regions of the closely related Ly49c and j genes, Immunogenetics (2001) Vol. 52, pp. 212-223.	
	CD	Graber, Joel H., et al.; In silico detection of control signals: mRNA 3' -end-processing sequences in diverse species, PNAS (November 23, 1999), Vol. 96, No. 24, pp. 14055-14060.	
	CE	Xu, Zhi-Li, et al.; Optimization of transcriptional regulatory elements for constructing plasmid vectors, Int'l Journal of Genes and Genomes, (2001), Vol. 272, pp. 149-156.	
	CF	Shamsher, Monee K., et al.; Identification of an intronic regulatory element in the human protein C (PROC) gene, Human Genetics (2000), Vol. 107, pp. 458-465.	
	CG	Ionasescu, V.V., et al.; Mutations of the noncoding region of the connexin32 gene in X-linked dominant Charcot-Marie-Tooth neuropathy, American Academy of Neurology (1996), Vol. 47, pp. 541-544.	
	CH	Harland, Mark, et al.; Mutation Screening of the CDKN2A Promoter in Melanoma Families, Genes, Chromosomes & Cancer (2000) Vol. 28, pp. 45-57.	
	CI	Pyne, Michael T., et al.; The BRCA2 genetic variant IVS7+ 2T - G is a mutation, J. Hum. Genetics (2000), Vol. 45, pp. 351-357.	
	CJ	Jannssen, R.J., et al.; A branch site mutation leading to aberrant splicing of the human tyrosine hydroxylase gene in a child with a severe extrapyramidal movement disorder, Am. Hum. Genet. (2000), Vol. 64, pp. 375-382.	
	CK	Hobson, G.M., et al.; Mutations in noncoding regions of the protelolipid protein gene in pelizaeous - Merzbacher disease, Neurology (2000) Vol. 55, pp. 1089-1096.	
	CL	Aradhya, Swaroop, et al.; Multiple pathogenic and benign genomic rearrangements occur at a 35 kb duplication involving the NEMO and LAGE2 genes, Hum. Mol. Genet. (2001), Vol. 10, No. 22, pp. 2557-2567.	
	CM	Galgoczy, Petra, et al.; Human-mouse comparative sequence analysis of the NEMO gene reveals an alternative promoter within the neighboring G6PD gene, Int'l Journal of Genes and Genomes, (2001) Vol. 271, pp. 93-98.	

25384276.1 Examiner		Date Considered	
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PTO/SB/08A (10-01)

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Sheet	2	of	2		

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

25384276.1 Examiner		Date Considered	
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